

IDENTIFYING INFORMATION:

NAME: Cecchetti, Ethan

ORCID iD: <https://orcid.org/0000-0001-7900-8328>

POSITION TITLE: Assistant Professor

PRIMARY ORGANIZATION AND LOCATION: University of Wisconsin - Madison,
Department of Computer Sciences, Madison, WI, United States**Professional Preparation:**

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
University of Maryland, College Park, MD, United States	Other training	05/2021 - 08/2023	Postdoctoral Associate Researcher in Maryland Cybersecurity Center
Cornell University, Ithaca, NY, United States	PHD	06/2021	Computer Science
Cornell University, Ithaca, NY, United States	MS	06/2019	Computer Science
Brown University, Providence, Rhode Island, United States	BS	06/2012	Computer Science

Appointments and Positions

2023 - present Assistant Professor, University of Wisconsin - Madison, Department of
Computer Sciences, Madison, WI, United States

2019 - 2019 Research Intern, VMware, Palo Alto, CA, USA

2012 - 2015 Software Engineer, TripAdvisor, Needham, MA, USA

2011 - 2011 Software Engineering Intern, Google, Cambridge, MA, USA

Products**Products Most Closely Related to the Proposed Project**

1. Samuelson A, Hirsch AK, Cecchetti E. Choreographic Quick Changes: First-Class Location (Set) Polymorphism. Proceedings of the ACM on Programming Languages. Forthcoming; 9(OOPSLA2). DOI: 10.1145/3763114
2. Hirsch A, Cecchetti E. Giving semantics to program-counter labels via secure effects. Proceedings of the ACM on Programming Languages. 2021 January 04; 5(POPL):1-29. Available from: <https://dl.acm.org/doi/10.1145/3434316> DOI: 10.1145/3434316
3. Cecchetti E, Myers A, Arden O. Nonmalleable Information Flow Control. Proceedings of the

2017 ACM SIGSAC Conference on Computer and Communications Security. CCS '17: 2017 ACM SIGSAC Conference on Computer and Communications Security; 30 1 17; Dallas Texas USA. New York, NY, USA: ACM; c2017. Available from: <https://dl.acm.org/doi/10.1145/3133956.3134054> DOI: 10.1145/3133956.3134054

4. Lucas Silver, Paul He, Ethan Cecchetti, Andrew K. Hirsch, Steve Zdancewic. Semantics for Noninterference with Interaction Trees. 37th European Conference on Object-Oriented Programming (ECOOP 2023); ; c2023. DOI: 10.4230/LIPICS.ECOOP.2023.29
5. Cecchetti E, Yao S, Ni H, Myers A. Compositional Security for Reentrant Applications. 2021 IEEE Symposium on Security and Privacy (SP). 2021 IEEE Symposium on Security and Privacy (SP); ; San Francisco, CA, USA. IEEE; c2021. Available from: <https://ieeexplore.ieee.org/document/9519436/> DOI: 10.1109/SP40001.2021.00084

Other Significant Products. Whether or Not Related to the Proposed Project

1. Zhang F, Cecchetti E, Croman K, Juels A, Shi E. Town Crier: An Authenticated Data Feed for Smart Contracts. Proceedings of the 2016 ACM SIGSAC Conference on Computer and Communications Security. CCS'16: 2016 ACM SIGSAC Conference on Computer and Communications Security; 2016 October 24; Vienna, Austria. New York, NY, USA: ACM; c2016. Available from: <https://dl.acm.org/doi/10.1145/2976749.2978326> DOI: 10.1145/2976749.2978326
2. Patrignani M, Künnemann R, Wahby R, Cecchetti E. Universal Composability is Robust Compilation. ACM Transactions on Programming Languages and Systems. 2024 October 10; :-. Available from: <https://dl.acm.org/doi/10.1145/3698234> DOI: 10.1145/3698234
3. Künnemann R, Patrignani M, Cecchetti E. Computationally Bounded Robust Compilation and Universally Composable Security. 2024 IEEE 37th Computer Security Foundations Symposium (CSF). 2024 IEEE 37th Computer Security Foundations Symposium (CSF); ; Enschede, Netherlands. IEEE; c2024. Available from: <https://ieeexplore.ieee.org/document/10664223/> DOI: 10.1109/CSF61375.2024.00024
4. Hirsch AK, Azevedo de Amorim PH, Cecchetti E, Tate R, Arden O. First-Order Logic for Flow-Limited Authorization. 2020 IEEE 33rd Computer Security Foundations Symposium (CSF). 2020 IEEE 33rd Computer Security Foundations Symposium (CSF); 2020 June 22; Boston, MA, USA. IEEE; c2020. Available from: <https://ieeexplore.ieee.org/document/9155195/> DOI: 10.1109/CSF49147.2020.00017
5. Cecchetti E, Fisch B, Miers I, Juels A. PIEs: Public Incompressible Encodings for Decentralized Storage. Proceedings of the 2019 ACM SIGSAC Conference on Computer and Communications Security. CCS '19: 2019 ACM SIGSAC Conference on Computer and Communications Security; 2019 November 06; London, United Kingdom. New York, NY, USA: ACM; c2019. Available from: <https://dl.acm.org/doi/10.1145/3319535.3354231> DOI: 10.1145/3319535.3354231

Certification:

I certify that the information provided is current, accurate, and complete. This includes but is not limited to information related to domestic and foreign appointments and positions.

I also certify that, at the time of submission, I am not a party to a malign foreign talent recruitment

program.

Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

Certified by Cecchetti, Ethan in SciENcv on 2025-09-10 16:28:25